

Appl. No. 10/659,100
Docket No. 9031
Amdt. Dated June 04, 2009
Reply to Office Action mailed on March 06, 2009
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (Cancelled).

Claim 7 (Previously Presented) The tooth whitening product of claim 19, wherein said fibers have a diameter between about 1 micron and about 200 microns.

Claim 8 (Previously Presented) The tooth whitening product of claim 19, wherein said water hydratable polymer comprises polyvinylpyrrolidone.

Claim 9 (Previously Presented) The tooth whitening product of claim 8, wherein said tooth whitening agent comprises hydrogen peroxide and the film further comprises water and polyethylene glycol.

Claim 10 (Previously Presented) The tooth whitening product of claim 19, wherein said fibers are formed from a material selected from the group consisting of polypropylene, polyethylene, cellulose, and a combination thereof.

Claims 11-18 (Cancelled).

Claim 19 (Previously Presented) A tooth whitening product, comprising:
a film having a thickness and comprising a water hydratable polymer and a tooth whitening agent;

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a mesh comprising a plurality of fibers, the fibers arranged to define a plurality of void spaces between the fibers; and

wherein the plurality of void spaces extends through the thickness of the film.

Claim 20 (Previously Presented) The tooth whitening product of claim 19, wherein the film partially fills the mesh.

Claim 21 (Previously Presented) The tooth whitening product of claim 19, wherein the plurality of fibers comprises a water hydratable polymer.

Claim 22 (Previously Presented) The tooth whitening product of claim 19, wherein the plurality of fibers comprises a water insoluble material.

Claim 23 (Currently Amended) A tooth whitening product, comprising:

a film having a thickness and comprising a first water hydratable polymer and a tooth whitening agent;

a mesh comprising a plurality of fibers, the fibers arranged to define a plurality of void spaces between the fibers and the plurality of fibers comprise a second water hydratable polymer; and

wherein the film ~~at least~~ partially fills the mesh.

Claim 24 (Previously Presented) The tooth whitening product of claim 23, where the plurality of void spaces extends through the thickness of the film.

Claim 25 (Previously Presented) The tooth whitening product of claim 23, wherein the first water hydratable polymer comprises polyvinylpyrrolidone.

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Claims 26 (Previously Presented) The tooth whitening product of claim 23, wherein the second water hydratable polymer comprises polyvinylpyrrolidone.

Claim 27 (Previously Presented) The tooth whitening product of claim 25, wherein the film further comprises polyethylene glycol and water.

Claim 28 (Currently Amended) A tooth whitening product, comprising:

a mesh having a first side and second side and comprising a plurality of coated fibers, the coated fibers arranged to provide a plurality of void spaces that extend from the first side of the mesh to the second side of the mesh; and

wherein the fiber coating partially fills the void spaces and comprises a water hydratable polymer and a tooth whitening agent.

Claim 29 (Cancelled)

Claim 30 (Previously Presented) The tooth whitening product of claim 28, wherein the water hydratable polymer comprises polyvinylpyrrolidone.

Claim 31 (Previously Presented) The tooth whitening product of claim 30, wherein the fiber coating further comprises polyethylene glycol and water.

Claim 32 (Cancelled)

Claim 33 (New) The tooth whitening product of claim 28, wherein the mesh is water hydratable.

Claim 34 (New) The tooth whitening product of claim 28, wherein the mesh has a repeating geometric pattern.